

Datasheet for ABIN7556540

Copine II Protein (CPNE2) (AA 1-548) (His tag)



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Overview

Quantity:	1 mg
Target:	Copine II (CPNE2)
Protein Characteristics:	AA 1-548
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Copine II protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cpne2 Protein expressed in mammalian cells.
Sequence:	MAYIPDGGAP TAGAIPGSG CCVCKVELSV SGQNLLDRDV TSKSDPFCVL FIEDNGRWME FDRTEAVNN LNPAFSKKFV LDYHFEEVQK LKFALFDQDK SSAQLDEHDF LGQFSCSLGT IVSSKKITRP LLLMNDKPAG KGVITIAAQE LSDNRVITLS LAGRKLDDKKD LFGKSDPFLE FYKPGDDGKW MLVHRTEVIK YTLDPVWKPF TVPLVSLCDG DLEKPIQVMC YDYDSNGGHD FIGEFQTSVL QMSEARDGVP LEIECINPKK QRKKKSYKNS GIIILRSCKI HRNYSFLDYI LGGCQLMFTV GIDFTASNGN PLDPSSLHYI NPMGTNEYLS AIWAVGQIIQ DYDSDKMFPA LGFGAQLPPD WKVSHEFAIN FNPTNPFCSG VDGIAQAYSA CLPHIRFYGP TNFSPIVNHV ARFAAQATQQ QTATQYFILL IITDGVISDM EETRHAVVQA SKLPMSIIV GVGNAFDAAM EFLDGDNRRL RSHTGEEAAR DIVQFVPFRE FRNAKETLA KAVLAELPQQ VVQYFKHKNL PPTNSEPA Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Product Details

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	Copine II (CPNE2)
Alternative Name:	Cpne2 (CPNE2 Products)
Background:	Copine-2 (Copine II),FUNCTION: Calcium-dependent phospholipid-binding protein that plays a role in calcium-mediated intracellular processes. Exhibits calcium-dependent cell membrane binding properties (PubMed:21087455, PubMed:26175110). {ECO:0000269 PubMed:21087455, ECO:0000269 PubMed:26175110}.
Molecular Weight:	61.0 kDa
UniProt:	P59108

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months